

What is claimed is:

1. A gateway server, comprising:
a convert section converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal; and
an output section outputting said second contents to said small terminal.

2. The gateway server according to Claim 1, wherein said small terminal is one of a portable wireless telephone, a PHS terminal and a personal digital assistant.

3. The gateway server according to Claim 1,
wherein said second contents can be displayed in said
display section.

4. The gateway server according to Claim 1,
wherein said convert section judges whether said first
contents is a picture contents, and when said first
contents is not said picture contents, said convert
5 section does not convert said first contents into said
second contents.

wherein said contents server outputs said needed contents to said gateway server in response to said second request, and

20 wherein said gateway server outputs said
specific contents to said terminal.

wherein when said needed contents is not said picture contents, said gateway server does not convert said needed contents into said specific contents and said gateway server outputs said needed contents instead of said specific contents to said terminal.

5 wherein when said terminal is said small
terminal, said terminal outputs said first request of

10 wherein said gateway server does not convert
said needed contents into said specific contents when
said gateway server does not receive said information.

(a) outputting a first request of obtaining a contents to a gateways server from a terminal;

(c) outputting said contents to said gateway server from said contents server in response to said second request;

(e) outputting said specific contents to said
15 terminal from said gateway server.

(f) judging whether said contents is a picture contents, and

13. The contents obtaining method according to Claim 11, wherein said terminal is one of a small terminal and a terminal other than said small terminal, and

5 wherein when said terminal is said small
terminal, said (a) includes outputting said first
request of obtaining said contents to said gateways
server from said terminal, said first request
including a information indicating that said terminal
10 is said small terminal, and

14. A computer readable recording medium for recording a program for a process, comprising:

(a) converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal; and

(b) outputting said second contents to said
10 small terminal.

15. The computer readable recording medium for
recording a program for a process according to Claim
14, wherein said small terminal is one of a portable
wireless telephone, a PHS terminal and a personal
5 digital assistant.

a 16. The computer readable recording medium for
recording a program for a process according to Claim
14, wherein said second contents can be displayed in
said display section.

17. The computer readable recording medium for
recording a program for a process according to Claim
14, further comprising:

(c) judging whether said first contents is a
5 picture contents; and

wherein said (a) is not performed when said
first contents is not said picture contents as the
result of said (c).

18. The computer readable recording medium for
recording a program for a process according to Claim
14, wherein said (a) is not performed when said first
contents is received from said contents server in

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5 response to a request of a non-small terminal other than said terminal, and

wherein said (b) includes outputting said first contents to said non-small terminal when said (a) is not performed.

19. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said display performance corresponds to the number of display pixels of said display section.

20. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said display performance corresponds to the number of display colors of said display section.

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